3rd Annual North Idaho GIS User's Meeting

Kootenai County Administrative Building, Meeting Room 1
451 Government Way, Coeur d'Alene Idaho
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Thursday, September 4th 2003 – 9:00 am to 3:00+ pm
Morning "Topics Roundtable" and Afternoon "Intro to Arc 9" Presentation

Friday, September 5th 2003 – 9:00 am to 3:00+ pm
General Meeting – Agency presentations

A meeting of GIS professionals to promote cooperation among state, federal, tribal and local agencies, universities and the private sector in meeting geographic data needs and services in Idaho

Minutes from the Meeting

THURSDAY, SEPT 4th

Frank Roberts began the roundtable discussion telling about the Coeur d'Alene Tribes aerial photos they have contracted for. These photos will cover Benewah County as well as the southern portion of Kootenai County. They were able to get this coverage at $50 per square mile and that included infrared, black and white as well as color.

Dave Williamson discussed data collaboration and the need for data set inventories and identifying data set needs. Also discussed was NRURISA's role in education. An idea for NRURISA to provide a mobile laptop workshop lab was presented. Some of the pros and cons being hardware/software upgrades (maintenance) but yet the benefit of hands-on training with current and customizable products was attractive.

Bruce Godfrey spoke about metadata. The University of Idaho has received a grant allowing them to come to company/entity sites to help them get their metadata going and answer questions.

Break for Lunch

The afternoon was ESRI giving a preview of ArcGIS 9. Some of the new additions include a command line, greater control of text placement with greater configuration control, model builder and scripting enhancements.
Release date for the latest version of ArcGIS is "winter".

FRIDAY, SEPT 5th

Nathan Bentley, State of Idaho GIS Coordinator, discussed the state's move towards the "id.gov" website and email extensions.
IGUM (Idaho Geospatial Users' Meeting) is planning a meeting in October. The meeting may be combined with the Southwestern region of Idaho NRURISA group for their regional/annual meeting.
There is a proposed plan to fund the I-Plan (Idaho Implementation Plan) with an additional $3.00 recording fee.
The Real Estate I. Technology plan has been approved.
Of concern to the surveyors in Idaho:

> There will be additions in the State of Idaho to the CORS (Continuously Operation Reference Stations) sites more than likely being 1 in Ada County and 1 in the Pocatello area.
> State Projection: IGC did adopt the INTRMC (INformation Technology Resource Management Council) Standard 4210. This standard was generated with surveyors and is now being proposed for incorporation into the state code. This would put Idaho in a single zone.

The IGC website has a listserv and everyone was encouraged to register. This site provides an excellent resource for Hints/Tips/Tricks, Jobs and general showing off of "Look What I Can Do!"
There is a scheduled delivery of satellite SPOT imagery for the first of December 2003. This imagery will be for the whole state. Panchromatic/2.5 meter in UTM and IDTM projections. It will most likely be available on DVD media.

<u>Tracy Fuller, USGS – National Map</u>
The focus right now is urban areas. The USGS recently spent $45,000 for 1' color imagery of the Boise Urban Area (about 300 sq. miles). This was achieved thru a consortium with the National Guard and Ada County. The imagery will be available to the public.

There is an internal project for imagery over the Spokane Urban Area with 6" and 1' imagery (color ?) and is funded thru Homeland Security with NEMA and USGS.
Regarding imagery in Kootenai County, the Avista consortium generates revenue from the imagery and the USGS does not want to interfere with that set-up. What will most likely happen is 2' color imagery datasets will be available in 2003 as a compromise.

USGS has processed 670 orthos (1m. DOQ) with 124 left to be done in 2004.
The National Hydro Datasets are completed
10 yr. DEMs for the state are completed (10 m)
There are 80 scenes from LandSAT data that Bruce Godfrey is processing for the University of Idaho that are not as yet complete. And there is some cloud cover on these images.
Plans for the coming year:
    Stablize Inside Idaho (money will be made available to the University of Idaho)
    1 m DOQs
        There is currently a licensing issue with Ada County on the data
    LIDAR/NRCE/BLM using Boise area as HiRes elevation test area.
    Transportation pilot
        Asset Management
        Wash DC has yet to figure out transportation layer
    Local Framework Help
        Physically with money and data

USGS supports the proposed $3.00 recording Fee for Local GIS Support.
Data Catalog

Derek McNamara, Dept of Lands. Website = www2.state.id.us/lands/bureau/forestassist/CWE-Combined.pdf
Watershed coverage, CWE Process identify Flow of Data
Datasets listed
CWE Projects include:
        Metadata, Excel to Access database conversion and coverages to GeoDatabase conversion.

<u>Bruce Godfrey/Lily Wai – University of Idaho, Inside Idaho</u>
There has been some datasets added:
        TCA 2002/2003 PDF and shapefiles
        DEQ (7 datasets)
        LandSAT Imagery – USGS (218 images)
        NRCS – IDTM projections no longer available
        Local Datasets available – countywide & local datalinks
        FGDC Grant for Training and Creating metadata
                MAP (Metadata Assistance Program) benefactors: STC, BSU, DEQ, Bonner-Shoshone-NezPerce and
        Clearwater counties.
Write Letters to Legislature to Support Inside Idaho!
GIS Day – Wednesday, November 19th

<u>Loudon Stanford – Idaho Geological Survey (idahogeology.org)</u>
        State and University associated
        Datasets – also on Inside Idaho site
        All maps onlines in PDF format
Current mapping projects posted online. Website has an index for any geological map in Idaho.

Mines and Prospect database now online.

Bill Reynolds – Nez Perce County
    Current Projects include:
        Addressing
        T2 Center – pilot program with 4 cities
            Asset management layer (assessment and evaluation)
        Signage inventory
        Culverts inventory
        Engineering dilemmas: Houses on cliffs
        RFP – Flood Plan Maps georeferenced
            FEMA – updates to FEMA for channel changes,e tc.
        Fire areas
    Finishing Projects:
        Addressing Snake River

    Developing:
        Map Template
        Wireless 911
        Custom Projects from Emergency Services/Response
        Trail Management
        Evaluation of Work Flow with Mappers

    Future Projects:
        Share intrnet IMS
        GCDB county ortho
        RR R/W
        Census & voter boundaries
        Weed Program

Kenny Hicks, Shoshone County
Their GIS program is coming along. There is not enough money out there and contacts and resources are vital to make up for lack of money. Inside Idaho is their biggest resource of information right now. County sections are scanned.
Using 40' DEM's have identified slopes greater than 15% for development. They have an intern, Jim Myers, who has been a very big help.
Hoping for imagery along the Interstate 90 corridor by Christmas.

Jim Myers – Intern Shoshone County
        Created R/W layer for county
        Compiled table for R/W data
        Currently have 11 layers and growing

Berne Jackson – Coeur d'Alene Tribe
        Have update their staff – includes GIS Anthropologist
        Many have had some beneficial ESRI training
        Data conversion process
        Road alignment now complete
        2nd season of structure mapping for Fire Districts
        New database = Lake encroachment inventory
        New updated GCDB – implementing topology
        Cultural Preservation – archiving project to begin next month
        Historical air photos (1933 & 1947) now registered and rectified. Unknown if these will be available to the public.
        CdA Tribe receieved $190,000 to become a node on the EPA Exchange Network

Involved with the National Map and Fire Modeling with the USGS

1m color, Infrared and black & white imagery secured (Frank Roberts spoke of this Thursday) at a cost of $50.00/sqare mile.

Boundary County
        Addressing system implemented
                Dealing with ordinances and road numbering

Dave Christianson - Kootenai County
        Road Book complete and distributed
        IMS intranet implemented
        Future projects:
                Addressing and identifying docks for EMS

Dave Williamson - Kootenai County
        Completed a Work Flow study
        Will be moving away from mini-computer to Proval
                Ability to initiate a sequel server database connection
        The RFP for new taxation system will be sent out Monday (September 8th)
        Parcel Model – CAD map conversion to Geodatabase
        Deed Processing automation programming in progress
        Metadata done for public information
        Will be having AutoCAD Land Desktop two day training (September 10th & 11th)

Mike McGuire – Ascent GIS
        Problems : In search of and in need of a national school dataset of High School and College/University). This is for doing recruiting maps for the military.
        Mapping Science is one of their partners:
                Have a compression utility JPG2000 (MJPG) and there is currently a price drop. This utility is supported by ESRI and Autodesk currently. Soon to be supported by ArcIMS and ArcObjects
                Also have an image server
                        Multiple file format export by extents
                        Don't need to download a viewer.

Matt Price – Geographic Mapping Consultants
        Doing some larger projects in Twin Falls and Lemhi
        Doing Parcel Mapping survey control for the city of Orofino
        Majority of jobs include county roads
        11 counties using their interface for public inquiry
        Working with Highway districts for asset management
                Custer County for Addressing and road name conventions
                Jefferson County for Automated process to update zoning maps

Rich Waltrip – David Evans & Assoc
        Working with Highway districts for R/W layers and scanning R/W documents
        Idaho Transportation Dept project on Highway 95 (north Kootenai to Sandpoint) – this includes corridor/route analysis, environmental/public/enjineering analysis and incorporating archeologists and biologists.

BSU – September training on current release.

Guayne – City of Coeur d'Alene

GIS Projects throughout 7 departments (stormwater is the newest)
IT working to increase bandwidth
Coeur d'Alene will host Ironman for next 5 years. Used GIS for mappiong the course and water stations
Wastewater – GPS for wasterwater collection stations, stormwtaer collection analysis is their current project. Using GPS for elevated catch basins. Should be completed within the year.
Engineering and Planning is working on building issues around Fernan Lake (specifically hillside building)
Working with the county on address corrections
Water Dept has completed imaging and cataloging in a database all water meters with tap cards
Parks Dept is using GPS for their street and tree inventory

<u>Dave – PacifiCAD</u>
Has software to optimize cut & fill volumes. Additional software available with Softdesk
Kootenai County training Wed-Thurs, September 10th & 11th